

ABSTRACT

A zoom lens system is provided including a flat cam for driving the zoom lens mechanism. In one particular embodiment, the same flat cam used by the zoom lens system is used to correlate the effective focal length of the zoom lens to the viewfinder. Additional particular embodiments of a viewfinder adjustment mechanism are provided wherein the viewfinder adjustment mechanism includes a diopter adjustment mechanism to adjust the ocular lens of the viewfinder to compensate for imperfections in the user's sight.